IMS eNews - Zelen Award winners; new deadlines; meetings; journals

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eNews

Monthly update for IMS members

Winners of the inaugural Zelen Award

We are pleased to announce the following IMS members have been selected to receive the new IMS Thelma and Marvin Zelen Emerging Women Leaders in Data Science Award in 2025: **Irina Gaynanova**, Department of Biostatistics, University of Michigan; **Xu Shi**, Department of Biostatistics, University of Michigan; and **Yize Zhao**, Department of Biostatistics, Yale University. The awards, consisting of a plaque, a citation, and a cash honorarium, will be presented at the IMS Presidential Awards Ceremony on August 4, 2025 at the 2025 Joint Statistical Meetings in Nashville. Read more about the winners here.

Irina Gaynanova

Xu Shi

Yize Zhao

New deadlines for Brown and Zelen Awards

If you are a PhD student planning to apply for the 2026 Lawrence D. Brown PhD Student Award or if you are planning to nominate an early-career woman data scientist for the 2026 IMS Thelma and Marvin Zelen Emerging Women Leaders in Data Science Award, please note the new deadline for both awards is now **July 1**. The Brown Award is an annual travel award given to three PhD students, who will present their research at a special invited session during the 2026 IMS Annual Meeting (in Salzburg, Austria, July 6–9, 2026).

FREE IMS Membership for students

If you teach statistics, probability, and/or data science to graduate-level students, encourage them to become members of the IMS – and to get involved. If you're already a student member, tell your friends! The IMS offers free membership to students, and reduced rates for new and recent graduates. We offer student travel awards, discounted registration at IMS meetings, free online access to all our journals, and more: details here.

Share your news

Do you have some news you would like to share with your community? Or an idea for an article? Send it to Tati Howell, IMS Bulletin editor: bulletin@imstat.org.

IMS Sponsored and Co-sponsored Meetings

The next **INFORMS APS Conference** will be held June 30–July 3, 2025, in the Exhibition Hall of the Georgia Tech campus in Atlanta, GA. It immediately follows the Summer School (June 25–29, 2025). The organizers say, "For the first time, we will host a series of lectures on exciting emergent topics that our colleagues research in APS. You can't miss it! Our speakers are Vladimir Koltchinskii (GaTech), Bruno Loureiro (CNRS), Cynthia Rush (Columbia), and Matus Telgarsky (GaTech)." We are receiving applications for contributed talks and

posters (Submit your title and abstract here. Deadline to submit contributed talks: January 31st, 2025. Deadline to submit posters: March 31st, 2025.) Stay tuned for funding opportunities for students, and check the website: https://informs-aps.isye.gatech.edu/.

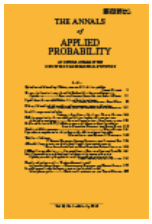
The next COPSS/NISS Leadership webinar is on February 6 (12–1pm, ET), on the topic of **Leadership in Communication of Statistics.** The speakers are Francesca Dominici and David Spiegelhalter, with Daniele Durante as moderator.

The **Seminar on Stochastic Processes 2025** will be held from March 20-22, 2025, with tutorial lectures delivered on March 19. It will be hosted by Indiana University, Bloomington. The local organizers are Wai-Tong (Louis) Fan, Nathan Glatt-Holtz, Elizabeth Housworth, Russell Lyons, and Jing Wang. The invited speakers will be: Adrián González-Casanova, Mariana Olvera-Cravioto, Jinyoung Park, Simon Tavaré, Maria Eulália Vares (SSP Founders Lecture), and Ron Peled (SSP tutorial lecturer).

The **ENAR/IMS 2025 Spring Meeting** will be in New Orleans, USA, March 23-26, 2025. The meeting brings together researchers and practitioners from academia, industry and government, connected through a common interest in Biometry. Registration is open with an Early-Bird registration deadline of February 21.

The abstract submission deadline for the **2025 Joint Statistical Meetings** (August 2–7, 2024, in Nashville, Tennessee, USA) is February 10. More meeting information here.

IMS Journals: latest issues



Annals of Applied Probability

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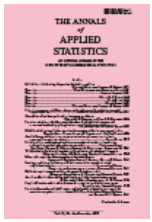

Annals of Applied Statistics

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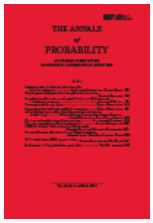

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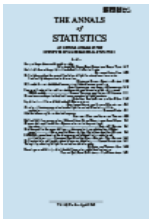

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Statistical Science

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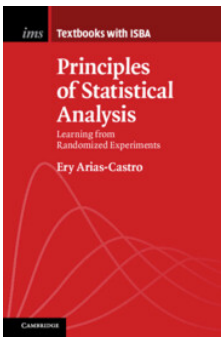
Featured Publication



IMS Textbook:
Principles of Statistical Analysis: Learning from Randomized Experiments

by Ery Arias-Castro, University of California, San Diego

This compact course is written for the mathematically literate reader who wants to learn to analyze data in a principled fashion. The language of mathematics enables clear exposition that can go quite deep, quite quickly, and naturally supports an axiomatic and inductive approach to data analysis. Starting with a good grounding in probability, the reader moves to statistical inference via topics of great practical importance – simulation and sampling, as well as experimental design and data collection – that are typically displaced from introductory accounts. The core of the book then covers both standard methods and such advanced topics as multiple testing, meta-analysis, and causal inference.

"With the rapid development of data-driven decision making, statistical methods have become indispensable in countless domains of science, engineering, and management science, to name a few. Ery Arias-Castro's excellent text gives a self-contained and remarkably broad exposition of the current diversity of concepts and methods developed to tackle the challenges of data science. Simply put, everyone serious about understanding the theory behind data science should be exposed to the topics covered in this book." Philippe Rigollet, Department of Mathematics, Massachusetts Institute of Technology

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